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From: Ham-Ant Mailing List and Newsgroup <ham-ant@ucsd.edu>
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Subject: Ham-Ant Digest V93 #120
To: Ham-Ant

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Today's Topics:

Skywire Antenna
The Best UHF/VHF TV antenna (2 msgs)

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Send subscription requests to: <Ham-Ant-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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(by FTP only) from UCSD.Edu in directory "mailarchives/ham-ant".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 22 Nov 1993 19:54:27 GMT
From: qualcomm.com!vixen.cso.uiuc.edu!howland.reston.ans.net!newsserver.jvnc.net!
asl.hitachi.com!glider!josh@network.ucsd.edu
Subject: Skywire Antenna
To: ham-ant@ucsd.edu

Anyone have any experience with the "loop skywire" antenna? For those unfamiliar,
it is a horizontally-oriented loop antenna, one wavelength at fundamental, which
is resonant on all (not just odd) harmonics. It appeared in Nov. 1985 QST and in
the Handbook. Just wondering whether anyone has comments on its performance...

Josh Koslov NG2V

Date: 23 Nov 1993 03:16:50 GMT
From: sdd.hp.com!hpscit.sc.hp.com!rkarlqu@decwrl.dec.com
Subject: The Best UHF/VHF TV antenna
To: ham-ant@ucsd.edu

In article <CGwI6y.21z@fc.hp.com>, Andy Goris <goris@fc.hp.com> wrote:

>if there's a local TV station 20 miles away, this station will swamp your
>amplifier, and you may never see the station 300 miles away.

I could point a 15 dB. gain antenna directly at a 5 Megawatt UHF station
less than 20 miles away (clear line of sight) with no amplifier
overload whatsoever. Your milage may vary.

>Make sure you get the kind of amplifier that sits AT THE ANTENNA. I

Absolutely right.

>this is the only one that really works. Don't buy one of the
>many 'Distribution amps'. Make sure you're buying something intended to
>amplify weak uhf/vhf signals.

Absolutely right again.

Rick Karlquist N6RK
rkarlqu@scd.hp.com

Date: 23 Nov 1993 03:09:55 GMT
From: sdd.hp.com!col.hp.com!srngenprp!news.dtc.hp.com!hplextra!hpscit.sc.hp.com!
rkarlqu@decwrl.dec.com
Subject: The Best UHF/VHF TV antenna
To: ham-ant@ucsd.edu

In article <kk5DDc2w165w@inqmind.bison.mb.ca>,
Tony Mantler <tmantler@inqmind.bison.mb.ca> wrote:

>
>
>First I have to say, BE CAREFUL WHEN YOU GET A TV AMPLIFIER! A lot of the
>ones on the market (No names mentioned) are really just cr*p, some of
>them have inadequate shielding, and most (if not all) have noisy
>amplifiers, not to say that any amps are better because the more you have
>between the air and your tv --> the more noise you get. I would sugest
>getting a good high gain antenna rather than spending your money on an
>amp, because the fact is: if a tv signal is below the noise level, no

My experience has been that antenna mounted amplifiers are extremely
beneficial especially at UHF. Yes, the \$7 Radio Shack ones that
are really intended for cable are junk. But the ones Wineguard sells
that fit into the built in housings on their antennas are excellent,
although the 4 dB. NF could be improved upon with a homebrew GaAsFET
amplifier. I paid \$35 for my Wineguard amplifier and it doubled the

number of stations I could receive. It also allowed me to use my crummy VCR UHF tuner instead of just the good tuner in the TV set. By the way, I was already using Wineguard's top of the line UHF-only full band antenna (15 dB. gain, 12 foot boom) at 70 feet.

Rick Karlquist N6RK
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End of Ham-Ant Digest V93 #120

